Galway University Hospitals NUI Galway Ospidéil na h-Ollscoile Gaillimh UNIVERSITY HOSPITAL GALWAY MERLIN PARK UNIVERSITY HOSPITAL **TMRN** OÉ Gaillimh HRB Clinical Research Facility, Galway Summer School in Biostatistics 2015 Introductory Course in Biostatistics Scatterplot of the Square root of CRL against Gestational Age ot of Well-being by Exercise Stat (with mean symbol superimposed) Bar Chart of Outcome by CPR Availabili CPR No CPR CPR



This Summer School provides participants with an overview of fundamental biostatistical methods, an understanding of the key concept of variability and a practical working knowledge of the statistical techniques they are likely to encounter in applied medical research.

Techniques covered include study design, analysing one and two sample problems (independent and dependent data) through interval estimation and hypothesis testing approaches, comparing three or more samples (analysis of variance), sample size calculations and appraising medical statistics in the literature. Each session has been designed in the format of a workshop and will include lectures and computer-based practical work.

Previous Summer School in Biostatistics Feedback

- "Very well presented, great examples, engaging lecturer"
- "It provided new insights into the correct usage of statistics in projects"
- "Very interesting and well taught course in a fun and informal manner"
- "Really clear. Constant references to real examples put everything in context."
- "Would definitely recommend to anyone doing an MD or PhD"

Date: 15th—19th June 2015 (mornings) Fee: €400 (Academic rate), Commercial rate on request Email grainne.macnamara@nuigalway.ie to guarantee your place